

IN THE CLAIMS:

Please amend claims 18, 29, and 35 as follows.

1-17. (Cancelled)

18. (Currently Amended) A method in a communication system for providing a location service with geographical location information associated with a user equipment capable of communicating with the communication system, the method comprising:

storing connection information identifying a connection of the user equipment in the communication system; and

determining whether the user equipment is currently ~~reachable~~ unreachable in the network, wherein ~~responsive to if~~ the user equipment ~~not is~~ currently being reachable unreachable in the network, the location of the user equipment is determined in dependence on the last stored connection information for the user equipment and wherein the connection information includes a service area identity or a cell global identity, the method further including translating the connection information into geographical coordinates.

19. (Previously Presented) A method according to claim 18, wherein the location service is provided by a gateway mobile location center.

20. (Previously Presented) A method according to claim 19, wherein the gateway mobile location center is adapted to communicate with a gateway mobile location center of a further communication system.

21. (Previously Presented) A method according to claim 18, wherein the connection information is stored in a control element of the communication system.

22. (Previously Presented) A method according to claim 21, wherein the connection information is stored in a radio network controller of the communication system.

23. (Previously Presented) A method according to claim 21, wherein the connection information is stored in a mobile switching center of the communication system.

24. (Previously Presented) A method according to claim 21, wherein the connection information is stored in a serving GPRS support node of the communication system.

25. (Previously Presented) A method according to claim 21, wherein the connection information is stored in a serving mobile location center of the communication system.

26. (Previously Presented) A method according to claim 18, wherein translating the connection information into geographical coordinates is carried out by a location service.

27. (Previously Presented) A method according to claim 18, wherein the communication system comprises a cellular telecommunications network.

28. (Previously Presented) A method according to claim 18, wherein the user equipment comprises a mobile station.

29. (Currently Amended) A communication system comprising:
a location server for providing geographical location information associated with a user equipment capable of communicating with the communication system; and
a network element for storing connection information identifying a connection of the user equipment in the communication system and for determining whether the user equipment is currently ~~reachable~~ unreachable in the network,

wherein, responsive to a request from the location server for location information, ~~when~~if the user equipment is ~~not currently reachable~~unreachable in the network, the network element provides the location server with details of the connection information last stored for the user equipment, the connection information including a service area identity or a cell global identity, and wherein the location server translates the connection information into geographical coordinates.

30. (Previously Presented) A communication system according to claim 29, wherein the location server is provided by a gateway mobile location center.

31. (Previously Presented) A communication system according to claim 30, wherein the gateway mobile location center is adapted to communicate with a gateway mobile location center of a further communication system.

32. (Previously Presented) A communication system according to claim 29, wherein network element is one or all of a radio network controller; a mobile switching center of the communication system; a serving GPRS support node of the communication system; or a serving mobile location center of the communication system.

33. (Previously Presented) A communication system according to claim 29, wherein the communication system comprises a cellular telecommunications network.

34. (Previously Presented) A communication system according to claim 29, wherein the user equipment comprises a mobile station.

35. (Currently Amended) A communication system, comprising:
providing means for providing geographical location information associated with a user equipment capable of communicating with the communication system; and
storing means for storing connection information identifying a connection of the user equipment in the communication system and for determining whether the user equipment is currently ~~reachable~~ unreachable in the network,
wherein, responsive to a request from the providing means for location information, ~~when~~ if the user equipment is ~~not currently reachable~~ unreachable in the network, the storing means provides the ~~storing~~ providing means with details of the connection information last stored for the user equipment, the connection information including a service area identity or a cell global identity, and wherein the providing means translates the connection information into geographical coordinates.